

University of Missouri-Rolla

Institute for Environmental Excellence



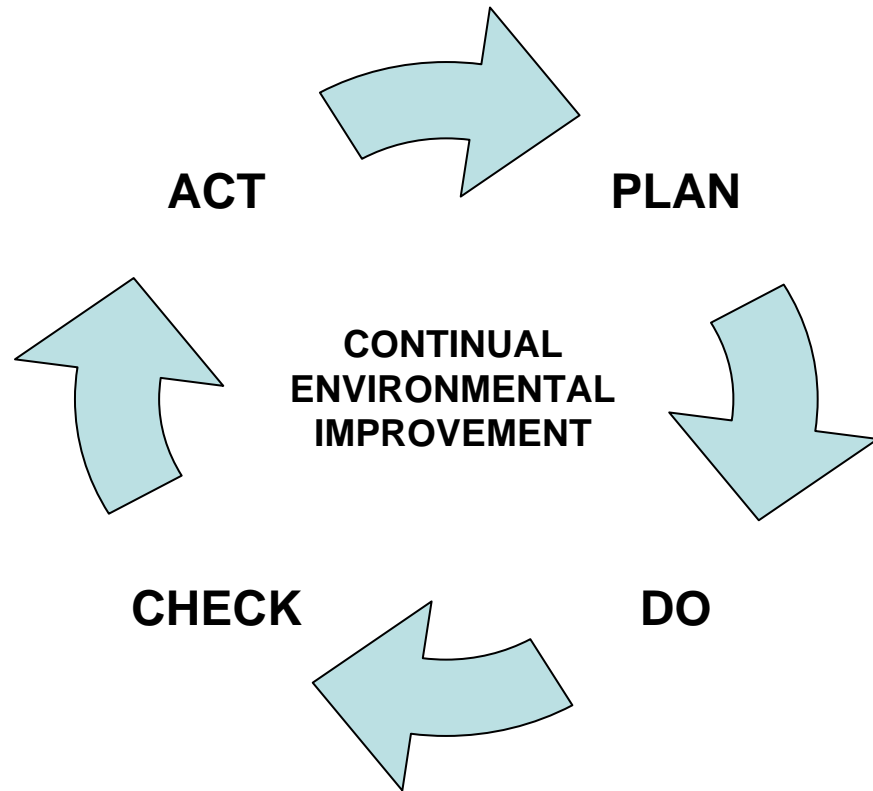
Fostering Environmental Leadership in the Public Sector

What is an Environmental Management System? (EMS)

- An EMS is a tool to help organizations prevent pollution, operate more efficiently, lower operational costs and improve their environmental performance.
- An EMS provides a systematic way of managing an organization's environmental affairs.
- An EMS focuses on continual improvement of the management system.
- An EMS helps organizations reduce negative impacts on the environment.

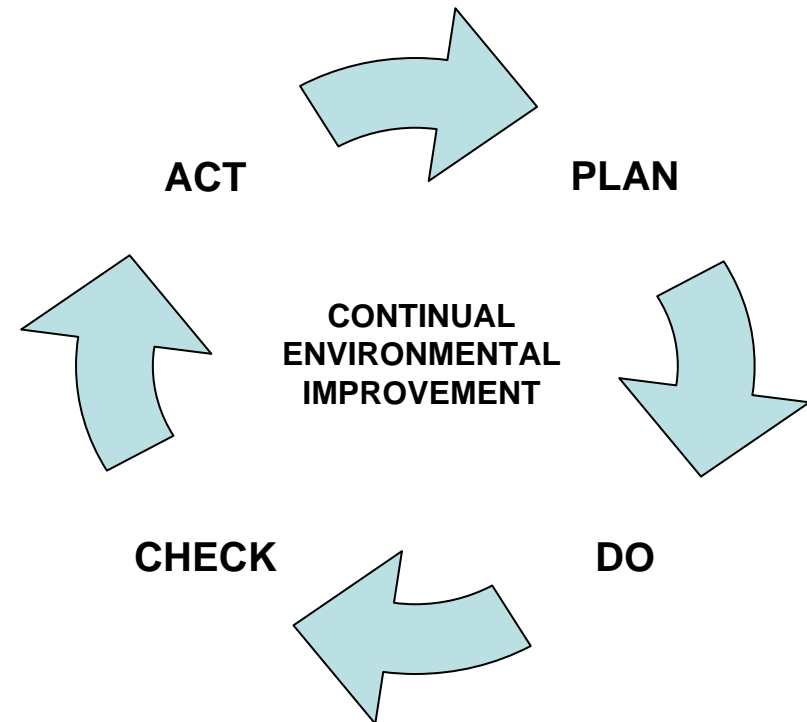
The Basic EMS Model:

- “Plan, Do, Check, Act” Model
- Drives Continual Improvement

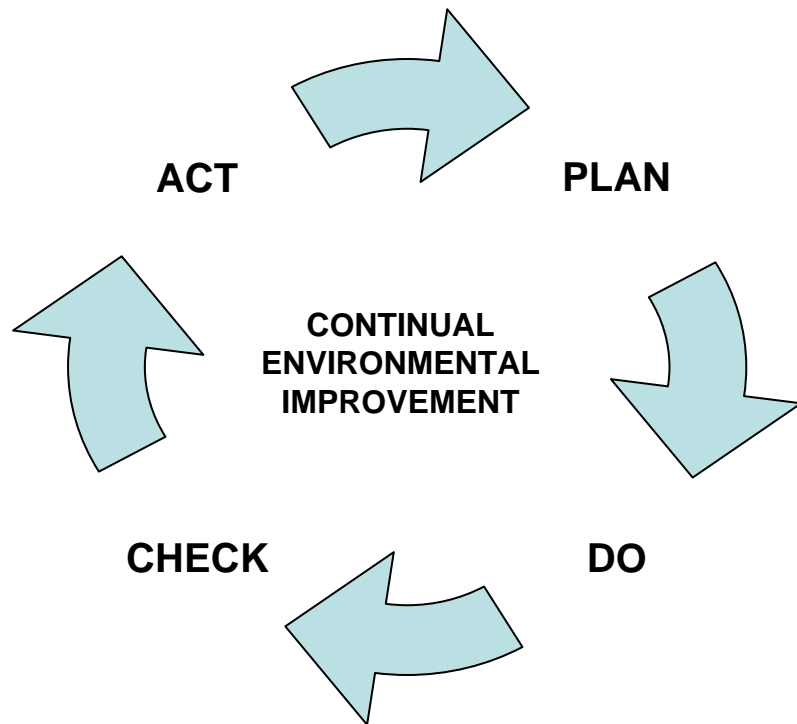


The Basic EMS Model

- **PLAN:** Developing an environmental policy and planning for improvement by setting objectives and targets.
- **DO:** EMS Implementation - Assigning responsibility and authority, and providing the appropriate level of training for all employees.



The Basic EMS Model

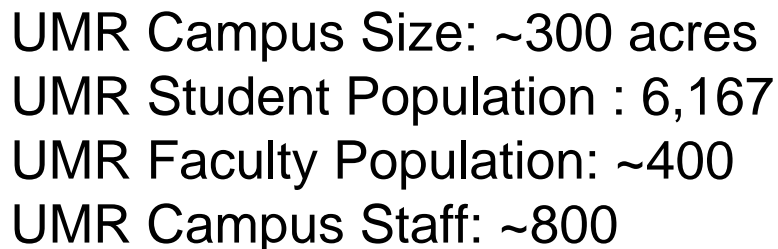


- **CHECK:** Periodically checking the system to ensure it is working (conducting internal audits).
- **ACT:** Acting upon audit findings. Reporting information to top management for review.

The EMS is a continuous model that can be used by a wide range of organizations

Missouri's Premier Technological Research University

- > 40 Major Buildings
- >300 Laboratories
- 30 Research Centers
- Coal Power Plant
- Nuclear Reactor
- Haz. Waste TSDF
- Experimental Mine





The Benefits of Proactive Environmental Management

- Improved operational efficiencies
- Lower operational costs
- Reduced negative impact on the environment
- Increased positive impact on the environment
- Improved public image
- Improved relationships with regulatory agencies
- New national & international business opportunities
- Increased environmental awareness





The National Public Entity Environmental Management System Resource Center

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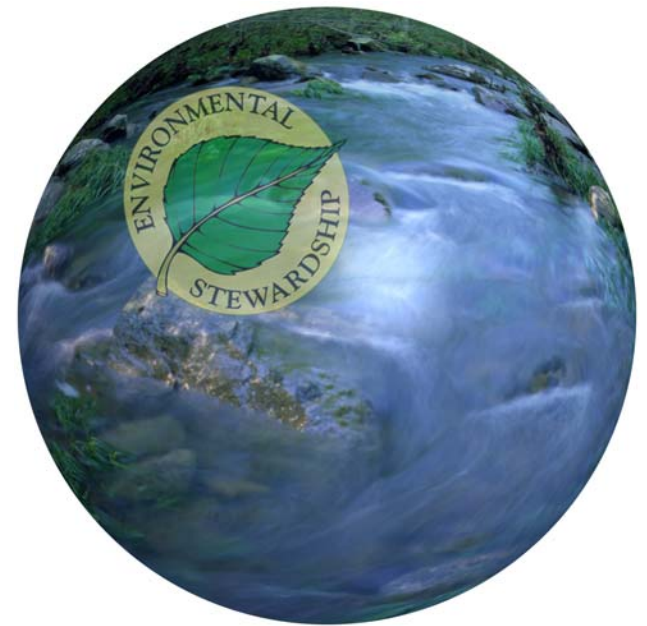
- The PEER Center provides EMS information and resources for public organizations
- Eleven Local Resource Centers (LRCs) nation-wide to provide public entities with guidance, training and technical assistance.

www.peercenter.net



UMR Institute for Environmental Excellence

- The **Institute for Environmental Excellence** provides EMS technical assistance to **public entities**, colleges and universities, industries, **local governments** and other organizations.





Promote EMS & Provide Assistance to Public Entities

Public Entities Include:

- Local governments / municipalities
- National colleges and universities
- Military installations
- K-12 schools
- Government and other public, non-profit organizations



The Institute for Environmental Excellence

PEER Center Commitments:

- Build Partnerships
- Conduct EMS Workshops
- Host EMS Conferences
- Conference Presentations
- On-line Courses
- Consulting/Specialized Training
- Community Events
- National EMS Workgroup-
EPA College & University Sector Strategies Program

<http://iee.umn.edu/>



UMR Institute for Environmental Excellence

Our Services Include:

- One-on-One Consultations
- Group Planning Sessions
- Specialized Training Courses
- Tools & Strategies for EMS Implementation
- Result-Oriented Workshops
- On-Line EMS Courses



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